

IN THE CLAIMS

Claims 1-21 (canceled)

Add New Claims 22-42

22. (New) A polyurea coating composition that exhibits a dual cure phenomena, said polyurea coating composition comprising:

a blend of polyaspartic esters; and
a polyisocyanate,

wherein the polyaspartic ester is over indexed with the polyisocyanate above 1.5 of NCO to NH.

23. (New) A polyurea coating composition according to claim 22, wherein the polyisocyanate is a member selected from the group consisting of aliphatic polyisocyanates, alicyclic polyisocyanates, aromatic polyisocyanates, and mixtures thereof.

24. (New) A polyurea coating composition according to claim 23, wherein the polyisocyanate comprises an aliphatic polyisocyanate.

25. (New) A method of preparing a polyurea coating composition which comprises:
providing a blend of polyaspartic esters,
providing a polyisocyanate; and
mixing the polyaspartic ester and the polyisocyanate together so that the polyisocyanate is present in an amount that is greater than a normal stoichiometric amount for the polyaspartic ester,
wherein the polyaspartic ester is over indexed with the polyisocyanate above 1.5 of NCO to NH.

26. (New) A surface finish which comprises a cured composition that includes a blend of polyaspartic esters and a polyisocyanate, wherein the polyaspartic ester is over indexed with the polyisocyanate above 1.5 of NCO to NH.

27. (New) A surface finish according to claim 26, wherein the polyisocyanate is a member selected from the group consisting of aliphatic polyisocyanates, alicyclic polyisocyanates, aromatic polyisocyanates, and mixtures thereof.

28. (New) A surface finish according to claim 27, wherein the polyisocyanate comprises an aliphatic polyisocyanate.

29. (New) A method for forming a surface finish which comprises:
providing a blend of polyaspartic esters;
providing a polyisocyanate;
mixing the polyaspartic ester and the polyisocyanate together so that the polyisocyanate is present in an amount that is over indexed with the polyisocyanate above 1.5 of NCO to NH,
applying the mixed composition to a surface to form a surface coating, and allowing the applied surface coating to cure.

30. (New) A method for forming a surface coating according to claim 29, wherein the polyisocyanate is a member selected from the group consisting of aliphatic polyisocyanates, alicyclic polyisocyanates, aromatic polyisocyanates, and mixtures thereof.

31. (New) A method for forming a surface coating according to claim 30, wherein the polyisocyanate comprises an aliphatic polyisocyanate.

32. (New) A polyurea coating composition that exhibits a dual cure phenomena, said polyurea coating composition comprising:

- a polyaspartic ester; and
- a polyisocyanate,

wherein the polyisocyanate is present in an amount that is greater than a normal stoichiometric amount for the polyaspartic ester, such that the coating composition provides a hybrid curing system that combines the fast cure of a polyaspartic ester polyurea reaction with the enhanced adhesion and superior film properties of a slower moisture cure polyurea.

33. (New) The polyurea coating composition of claim 32, wherein the coating composition cures dry to handle after air drying at 72°F and 40% relative humidity in less than 120 minutes and has at least a marginal intercoat adhesion on recoating after a 48 hour cure.

34. (New) A polyurea coating composition according to claim 32, wherein the polyaspartic ester is over indexed with the polyisocyanate above 1.5 of NCO to NH.

35. (New) A polyurea coating composition according to claim 32, wherein the polyaspartic ester comprises a blend of polyaspartic esters.

36. (New) A polyurea coating composition according to claim 32, wherein the polyisocyanate is a member selected from the group consisting of aliphatic polyisocyanates, alicyclic polyisocyanates, aromatic polyisocyanates, and mixtures thereof.

37. (New) A polyurea coating composition according to claim 36, wherein the polyisocyanate comprises an aliphatic polyisocyanate.

38. (New) A surface finish which comprises a cured composition that includes a polyaspartic

ester and a polyisocyanate, wherein the polyisocyanate is present in an amount that is greater than a normal stoichiometric amount for the polyaspartic ester prior to curing, such that the coating compositions provides a hybrid curing system that combines the fast cure of a polyaspartic ester polyurea reaction with the enhanced adhesion and superior film properties of a slower moisture cure polyurea.

39. (New) A surface finish according to claim 38, wherein the coating composition cures dry to handle after air drying at 72°F and 40% relative humidity in less than 120 minutes and has at least a marginal intercoat adhesion on recoating after a 48 hour cure.

40. (New) A surface finish according to claim 38 wherein the polyaspartic ester is over indexed with the polyisocyanate above 1.5 of NCO to NH.

41. (New) A surface finish according to claim 38, wherein the polyaspartic ester comprises a blend of polyaspartic esters.

42. (New) A surface finish according to claim 38, wherein the polyisocyanate is a member selected from the group consisting of aliphatic polyisocyanates, alicyclic polyisocyanates, aromatic polyisocyanates, and mixtures thereof.

43. (New) A surface finish according to claim 42, wherein the polyisocyanate comprises an aliphatic polyisocyanate.